

PATENT COOPERATION TREATY

PCT

REC'D	16	AUG	2004
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INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)

	(1 Of Addicte 50 all	. Kale 70)	
Applicant's or agent's file reference OPP030221KR	FOR FURTHER ACTION	See Notific Examinatio	ation of Transmittal of International Preliminary n Report (Form PCT/IPEA/416)
International application No.	International filing date (day/mo.		riority Date (day/month/year)
PCT/KR 2003/000800 18 April 2003 (1		03) 2	2 April 2002 (22.04.2002)
International Patent Classification (IPC) or nati	ional classification and IPC		
IPC ⁷ : B01J 23/84, B01J37/10, C0	1D 307/32,		
AEKYUNG PETROCHEMICAL CO	D., LTD.		
This international preliminary exam and is transmitted to the applicant a	nination report has been prepa according to Article 36.	ed by this Inte	rnational Preliminary Examination Authority
2. This REPORT consists of a total of 3 sheets, including this cover sheet.			
and are the basis to	nied by ANNEXES, i.e., sheets or this report and/or sheets con a Administrative Instructions u	aining rectific	tion, claims and/or drawings which have been ations made before this Authority (see Rule
These annexes consist of a total of sheets.			
3. This report contains indications relating to the following items:			
I. Basis of the opinion			
II. Priority			
III. Non-establishment of opinion with regard to novelty, inventive step and industrial applicability			
IV. Lack of unity of invention			
V. Reasoned statement under Rule 66.2(a)(ii) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement			
VI. Certain documents cited			
VII. Certain defects in the international application			
VIII. Certain observation	ns on the international applicat	ion	
Date of submission of the demand		Date of completion of this report	
18.11.2003		19 Ju	uly 2004 (19.07.2004)
Name and mailing address of the IPEA/AT	Autho	rized officer	
Austrian Patent Office			
Dresdner Straße 87 A-1200 Vienna		PUSTERER F.	
Facsimile No. 1/53424/200	Telepl	Telephone No. 1/53424/311	
D DOTESTION 1755-12-12-12-12-12-12-12-12-12-12-12-12-12-			

Form PCT/IPEA/409 (cover sheet) (July 1998)







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international application inc	١.
PCT/KR 2003/000800	

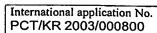
I.		Basis of the report
1.	Wit	h regard to the elements of the international application:*
	\boxtimes	the international application as originally filed
		the description:
		pages, as originally filed
		pages, filed with the demand
		pages, filed with the letter of
	П	the claims:
		pages, as originally filed
		pages, as amended (together with any statement) under Article 19
		pages, filed with the demand
		pages, filed with the letter of
		the drawings:
		pages, as originally filed
		pages, filed with the demand
		pages, filed with the letter of
		the sequence listing part of the description:
		pages, as originally filed
		pages, filed with the demand
		pages, filed with the letter of
2.	whi	n regard to the language, all the elements marked above were available or furnished to this Authority in the language in the international application was filed, unless otherwise indicated under this item. se elements were available or furnished to this Authority in the following language which is:
		the language of a translation furnished for the purposes of international search (under Rule 23.1(b)).
		the language of publication of the international application (under Rule 48.3(b)).
	Ш	the language of the translation furnished for the purposes of international preliminary examination (under Rule 55.2 and/or 55.3).
3.	With prel	n regard to any nucleotide and/or amino acid sequence disclosed in the international application, the international iminary examination was carried out on the basis of the sequence listing:
		contained in the international application in printed form.
		filed together with the international application in computer readable form.
	Ш	furnished subsequently to this Authority in written form.
		furnished subsequently to this Authority in computer readable form.
		The statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.
		The statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished.
4.		The amendments have resulted in the cancellation of:
		the description, pages
		the claims, Nos
	_	the drawings, sheets/fig
5.		This report has been established as if (some of) the amendments had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).**
i	Repla n this 10.17	cement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to report as "originally filed" and are not annexed to this report since they do not contain amendments (Rules 70.16 and
		eplacement sheet containing such amendments must be referred to under item 1 and annexed to this report.

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١.	Statement			
	Novelty (N)	Claims	1-15	YES
		Claims		NO
	Inventive step (IS)	Claims	1-15	YES
		Claims		NO
Industrial applicability (IA)	Claims	1-15	YES	
	Claims		NO	

The following documents have been cited in the Search Report:

D1: EP 0591795 A1 D2: EP 0528305 A2 D3: EP 0559053 A2

Having regard to the cited documents D1 to D3 the present application meets the criteria as defined in the regulations (Article 33 (2) - (4) PCT) because the subject-matter of the claims 1 - 15 is new and shows an inventive step with respect of the prior art also. Additionally the claimed application can undoubtedly be industrially applied.

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